



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

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For the week ending September 14, 2014
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Light frost arrived in Minnesota Friday night into Saturday morning, leaving farmers unsure of the impact on crop yields, according to USDA's National Agricultural Statistics Service. Even though there were 4.5 days **suitable for fieldwork** across the State, cool damp mornings continue to slow small grain harvest.

Topsoil moisture supplies were rated 0 percent very short, 6 percent short, 85 percent adequate, and 9 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 10 percent short, 85 percent adequate, and 5 percent surplus.

Eighty-one percent of the **corn** crop was at or beyond the dent stage, ahead of last year but slightly behind the five year average. With 9 percent of the corn crop mature, 71 percent of the crop is in good to excellent condition. Corn silage harvest is underway. Fifty-five percent of the **soybean** crop was turning color, 4 days behind average. Twelve percent of the crop was dropping leaves, with 67 percent in good to excellent condition. **Spring wheat** harvest, at 74 percent complete, remains over two weeks behind average. This is the slowest pace since 2009. Thirty-one percent of the **potato** crop has been harvested, 4 days behind average. Potato conditions remained unchanged with 84 percent good to excellent. Ninety-six percent of the **oat** crop is now harvested, only the second time in the last ten years that harvest has not been complete at this time. Ninety-one percent of the **dry edible bean** crop is fully podded, with 67 percent of the crop at or beyond the coloring stage. Dry edible bean condition decreased to 53 percent in good to excellent condition. With sugarbeet harvest underway, conditions decreased slightly to 72 percent in good to excellent condition.

The **third cuttings of alfalfa hay** was 82 percent complete, 2 points ahead of the previous year. **All hay** remained unchanged at 72 percent good to excellent. **Pasture** conditions increased to 71 percent good to excellent.

Soil Moisture Conditions as of September 14, 2014

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture ...	0	6	85	9
Subsoil Moisture ...	0	10	85	5

Crop Conditions as of September 14, 2014

	Very Poor	Poor	Fair	Good	Exc.
	Percent	Percent	Percent	Percent	Percent
Corn	2	5	22	57	14
Pasture	3	5	21	57	14
Soybeans	1	6	26	55	12
Hay, all	1	3	24	56	16
Potatoes, all.....	0	2	14	50	34
Sugarbeets	3	9	16	50	22
Dry Ed. Beans ..	3	11	33	44	9
Sunflowers.....	0	8	53	32	7

Crop Progress as of September 14, 2014

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	4.5	4.4	6.0	5.7

	Percent	Percent	Percent	Percent
Oats harvested	96	90	100	99
Barley harvested.....	93	84	97	95
Spring Wheat harvested	74	54	96	93
Corn, in/past dent stage.....	81	61	72	82
Corn, mature.....	9	0	4	25
Soybeans turning color	55	26	54	70
Soybeans dropping leaves...	12	3	19	37
Dry Ed. Beans fully podded ..	91	83	100	(NA)
Dry Ed. Beans coloring	67	35	85	(NA)
Dry Ed. Beans drop leaves ..	37	12	56	(NA)
Alfalfa Hay, third cutting.....	82	76	80	(NA)
Potatoes, harvested.....	31	21	39	37

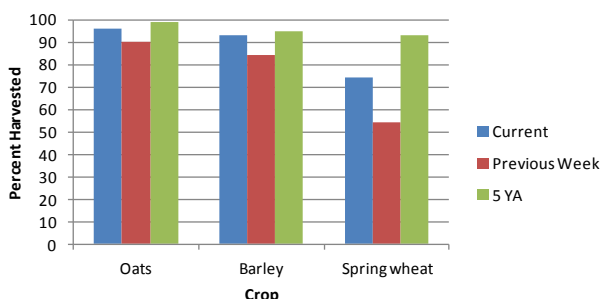
(NA): Not Available

The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week: <http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:
<http://www.nws.noaa.gov/view/states.php?state=MN>

Small Grain Harvesting



Precipitation and Temperature Summary for 9/8/2014 through 9/14/2014

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
NORTHWEST DISTRICT										
Crookston	82	35	53.2	-5.9	1.13	0.55	0.82	0.01	1997	50
Itasca	m	m	m	m	m	m	m	-.23m	784m	-910m
Moorhead	82	39	53.4	-7.6	0.18	-0.43	0.77	2.48	2164	43
Pembina, ND	81	35	52.2	-4.9	0.28	-0.24	0.55	2.23m	1512m	-250m
Warroad	m	m	m	m	m	m	m	-6.08m	468m	-1254m
NORTH CENTRAL DISTRICT										
Grand Rapids	78	28	48.6	-9.6	0.75	-0.04	0.11	2.69	1783	-43
Intl. Falls	78	25	49.6	-5.7	0.59	-0.13	-0.73	6.41	1574	5
NORTH EAST DISTRICT										
Duluth	74	34	51.6	-5.7	0.28	-0.72	-0.82	1.46	1645	54
Grand Marais	68	40	51.6	-5.9	0.82	0.13	0.06	2.12m	972m	-306m
Hibbing	78	28	48.1	-6.7	1.25	0.52	0.23	4.68	1697	241
WEST CENTRAL DISTRICT										
Alexandria	78	36	53.1	-7.6	0.80	0.10	0.91	6.89	2049m	0m
Breckenridge	83	34	55.2	-5.5	0.03	-0.72	-1.34m	1.69m	1828m	-255m
Browns Valley	83	33	54.7	-6.4	0.10	-0.54	-2.27m	-2.87m	1114m	-998m
Canby	m	m	m	m	m	m	-1.19m	5.43m	1963m	-298m
Montevideo	81	33	55.0	-6.8	0.25	-0.55	2.29	4.83	2146	-30
Morris	79	33	54.0	-6.9	0.44	-0.24	2.00	4.66	2013	-59
Wheaton	82	35	54.2	-7.0	0.06	-0.69	-0.45	3.03	2046	-107
CENTRAL DISTRICT										
Becker	77	34	55.0	-6.7	0.97	0.01	2.10	10.28	2239	111
Collegeville	72	37	54.4	-8.6	0.33	-0.52	1.38	4.52	2193	-55
Hutchinson	77	37	55.4	-6.9	2.20	1.42	3.81	5.63m	2304	97
Melrose	76	32	52.7	-7.3	0.29	-0.48	1.27	8.14	2004	9
Olivia	78	33	53.6	-7.6	0.50	-0.30	0.93	6.48	2031	-122
St. Cloud	77	33	54.6	-5.8	0.50	-0.34	4.58	10.89	2268	238
Wadena	m	m	m	m	m	m	1.35m	6.93m	1499m	-299m
Willmar	78	34	54.8	-7.3	0.27	-0.55	3.92	8.23	2057	-150
EAST CENTRAL DISTRICT										
Aitkin	74	32	51.8	-6.2	0.71	-0.07	3.93	7.38	1958	199
Forest Lake	80	36	55.9	-6.2	0.94	0.09	2.90	10.82	2199	-3
MSP Airport	75	39	56.9	-6.9	0.21	-0.54	-1.27	7.67	2428	73
Mora	76	32	53.2	-6.3	1.10	0.25	4.66	14.24	1942	3
St. Paul - UofM	75	36	55.1	-7.0	0.80	-0.05	1.02	6.35	2356	154
SOUTH WEST DISTRICT										
Lamberton	79	39	58.0	-4.3	3.13	2.31	5.05	3.41	2137m	-81m
Marshall	79	40	56.2	-6.5	0.70	-0.05	-1.00m	.66m	2291m	26m
Pipestone	77	36	55.2	-6.5	1.36	0.58	0.35	1.21	2117	-32
Redwood Falls	80	35	55.2	-7.8	0.15	-0.59	-1.04	2.50	2336	51
Sioux Falls	75	36	55.5	-7.6	1.56	0.89	1.69	6.52	2259	-17
Worthington	76	36	55.2	-6.8	0.01	-0.80	-0.40	-2.91m	1995m	-174m
SOUTH CENTRAL DISTRICT										
North Mankato	75	33	57.6	-5.1	0.21	-0.58	0.70	3.66m	2208	-39
Owatonna	75	34	55.1	-7.9	0.80	-0.12	3.48	3.97	2224	-3
Waseca	74	31	55.0	-8.1	0.29	-0.61	-0.48	3.65	2179	-82
Winnebago	75	34	55.1	-8.0	0.22	-0.59	-0.81	-0.01	2267	-3
SOUTH EAST DISTRICT										
Cannon Falls	m	m	m	m	m	m	m	-6.82m	905m	-1233m
La Crosse	82	40	57.4	-7.2	1.06	0.17	1.70	5.76	2514	125
Preston	75	31	56.6	-5.6	1.98	1.04	3.05	2.81m	2105m	-21m
Red Wing	80	36	58.2	-5.2	0.39	-0.53	2.83	7.59	2386	135
Rochester	74	34	54.5	-8.1	1.39	0.53	3.37	1.78	2169	-18
Rosemount	75	35	55.6	-6.9	0.30	-0.58	.25m	6.94m	2215	32
Winona Dam	80	40	56.8	-6.5	1.61	0.70	2.77	2.46	2318	94

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu